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ATTORNEY DOCKET NO.: M1103.70138US01  
(formerly 224996)  
CLIENT REFERENCE NO.: 305953.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alan Walter Shen, Hao Zhuang, Dan A. Knudson, Warren V. Barkley,  
Nagampalli S.S. Narasimha Rao and Taroon Mandhana  
Serial No.: 10/749,796  
Filed: December 31, 2003  
For: INTERFACE BETWEEN MOBILE CONNECTIVITY SERVICE AND WWAN  
DEVICE

Examiner: Unassigned  
Art Unit: 2142

Confirmation No.: 5359

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is/are the following document(s):

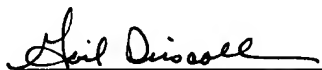
- ☒ Copy of Patent Assignment
- ☒ Revocation and Power of Attorney
- ☒ Statement Under 37 CFR 3.73(b)
- ☒ Change Of Attorney Docket Number And Change Of Correspondence Address
- ☒ Return Post Card

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (617) 646-8000, Boston, Massachusetts.

No check is enclosed. If it is determined that a fee is necessary, the fee may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

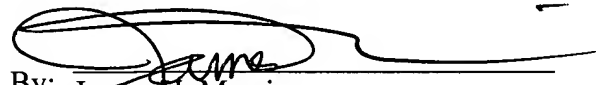
I hereby certify that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 27, 2005.

  
\_\_\_\_\_  
Neil Quiswell

Attorney Docket No.: M1103.70138US01

Respectfully submitted,

*Alan Walter Shen et al., Applicant*

By:   
James H. Morris  
Reg. No. 34,681  
WOLF, GREENFIELD & SACKS, P.C.  
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Boston, Massachusetts 02210  
Tel. (617) 646-8000

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number..... 10/749,796  
Filing Date..... December 31, 2003  
Inventorship..... Alan Walter Shen et al.  
Applicant..... Microsoft Corporation  
Attorney Docket No. .... 224996  
MS Docket No. .... 305953.02  
Title: Interface Between Mobile Connectivity Service And WWAN Device

## PATENT ASSIGNMENT

### PARTIES TO THE ASSIGNMENT

#### Assignor(s):

Alan Walter Shen  
7521 2<sup>nd</sup> Ave NE  
Seattle, Washington 98115

Hao Zhuang  
22459 NE 9<sup>th</sup> Drive  
Sammamish, Washington 98074

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16625 Redmond Way, Suite M, PBM 22  
Redmond, Washington 98052

Warren V. Barkley  
2615 161<sup>st</sup> PL SE  
Mill Creek, Washington 98012

Nagampalli S. S. Narasimha Rao  
13101 NE 133<sup>rd</sup> Ct  
Kirkland, Washington 98034

Taroon Mandhana  
14760 NE 35<sup>th</sup> St, Apt D201  
Bellevue, Washington 98007

#### Assignee:

Microsoft Corporation  
Corporation in the State of Washington  
One Microsoft Way  
Redmond, WA 98052

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Interface Between Mobile Connectivity Service And WWAN Device," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters

patent on said invention, for litigation regarding said letters patent, or for the purpose of  
protecting title to said invention or letters patent therefor.

6-10-04  
Date

Alan Shen  
Alan Walter Shen

6/10/2004  
Date

Hao Zhuang  
Hao Zhuang

11 Jun 2004  
Date

Dan A. Knudson  
Dan A. Knudson

          
Date

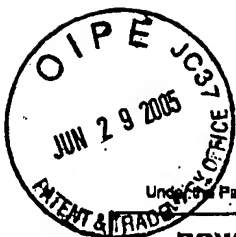
Warren V. Barkley  
Warren V. Barkley

06/09/04  
Date

N. S. S. Narasimha Rao  
Nagampalli S. S. Narasimha Rao

          
Date

Taroon Mandhana  
Taroon Mandhana



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PTO/SB/80 (11-04)  
Approved for use through 11/30/2005. OMB 085-00035  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

### POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number.

**45840**

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b)

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with customer Number.

**45840**

OR

☐ Firm or

Individual Name

Address

City

State

Zip

Country

Telephone

Fax

Assignee Name and Address:

Microsoft Corporation  
One Microsoft Way  
Redmond, WA 98052

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/98 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	4/5/05
Name	David Bartley Eppmayer	Telephone	
Title	Assistant Secretary		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is, to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1 800-PTO-9199 and select option 2

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Microsoft CorporationApplication No./Patent No.: 10/749,796 Filed/Issue Date: December 31, 2003Entitled: Interface Between Mobile Connectivity Service and WWAN DeviceMicrosoft Corporation, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United State Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

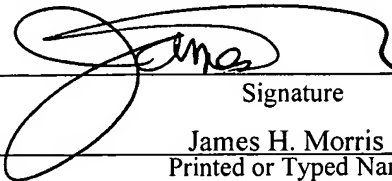
- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:]** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
\_\_\_\_\_  
Signature  
James H. Morris  
\_\_\_\_\_  
Printed or Typed Name  
\_\_\_\_\_  
Agent  
\_\_\_\_\_  
Title

6/27/05  
\_\_\_\_\_  
Date  
(617) 646-8000  
\_\_\_\_\_  
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Examiner: Unassigned  
Art Unit: 2142

Confirmation No.: 5359

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CHANGE OF ATTORNEY DOCKET NUMBER AND  
CHANGE OF CORRESPONDENCE ADDRESS

Sir/Madam:

Please change the attorney docket number and the correspondence address in the above-identified patent application. The attorney docket number should read **M1103.70138US01** All future correspondence should be directed to the address associated with customer number:

**45840**

Your attention to this matter is greatly appreciated.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 27, 2005.

Attorney Docket No.: M1103.70138US01

Respectfully submitted,

*Alan Walter Shen et al., Applicant*

B: James H. Morris  
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